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The Chairman of the Special Committees of the several Chapters under the charge of the General Committee, are as follows:

On Pure Mathematics—Prof. E. H. MOORE, Chicago University, Chicago, Ill.

On Astronomy—Prof. G. W. HOUGH, Dearborn Observatory, Northwestern University, Evanston, Ill.

On Astro-physics—Prof. GEO. E. HALE, Kenwood Astro-physical Observatory, Chicago, Ill.

GEO. W. HOUGH, Chairman.
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E. H. MOORE,	R. W. PIKE,
GEORGE E. HALE,	GEO. C. COMSTOCK,
G. A. DOUGLASS,	W. W. PAYNE.
MALCOLM MCNEILL,	

Committee of the World's Congress Auxiliary on a Congress of Mathematicians and Astronomers.

WORLD'S CONGRESS HEADQUARTERS,
CHICAGO, March, 1892.

THE BRITISH ASTRONOMICAL ASSOCIATION.

The British Astronomical Association was formed in October, 1890, for the purpose of securing the co-operation of astronomical observers throughout the country, and at the same time to meet the wishes and requirements of many who, though interested in astronomy, have found themselves precluded by one cause or another from joining the Royal Astronomical Society. It numbers already upwards of seven hundred members of whom more than one hundred are resident in the colonies and foreign countries, the United States in particular furnishing a numerous and distinguished contingent. A large number of ladies have also availed themselves of the advantages of the Association and become members and many regularly attend the meetings.

Thirteen Sections have already been formed, under experienced directors, for the purpose of organized and systematic work in the various departments of astronomical research. They are as follows: *Solar*, *Solar Spectroscopic*, *Lunar*, *Jupiter*, *Saturn*, *Mars*, *Cometary*, *Colored*, *Variable and Double Stars*, *Stellar Spectroscopic*, *Meteoric and Photographic.*

Ten numbers of the Journal of the Association are published each Session. The first volume forms an illustrated book of 600 pages, and contains, in addition to the papers read before the Association, notices and abstracts of all the principal astronomical publications of Europe and America. Memoirs on special subjects are also issued from time to time.

The headquarters of the Association are in London, and the meetings are held monthly, on the last Wednesday in the month, from October to June inclusive.

Provision has been made for the formation of branches in the Provinces and abroad, and one Provincial Branch is already in successful operation.

The Association possesses a valuable loan collection of Astronomical Lantern Slides and a library is in course of formation.

The terms of membership, which is open to all interested in astronomy, ladies as well as gentlemen, are entrance fee 5*s.*, annual subscription 10*s.* 6*d.*, or life members a single payment of £6. 6*s.* and entrance fee. The subscription entitles members to receive all the publications of the Association post free, and in the case of members joining after commencement of a Session to the back numbers of that Session.

Enquiries should be addressed to either of the Secretaries,

ARTHUR COTTAM, F. R. A. S., Eldercroft, Watford,
P. F. DUKE, F. R. A. S., Henden, Middlesex;

or to the Assistant Secretary,

THOS. FRID MAUNDER, 26 Martin's Lane,
Cannon Street, London, E. C.

(EIGHTH) AWARD OF THE DONOHOE COMET-MEDAL.

The Comet-Medal of the Astronomical Society of the Pacific has been awarded to Dr. LEWIS SWIFT, Director of the WARNER Observatory, Rochester, New York, for his discovery of an unexpected comet on March 6.

The Committee on the Comet-Medal,

EDWARD S. HOLDEN,
J. M. SCHAEBERLE,
CHAS. BURCKHALTER.

May 6, 1892.

(NINTH) AWARD OF THE DONOHOE COMET-MEDAL.

The Comet-Medal of the Astronomical Society of the Pacific, has been awarded to W. F. DENNING, Esq., F. R. A. S., of Bristol, England, for his discovery of an unexpected comet on March 18.

The Committee on the Comet-Medal,

EDWARD S. HOLDEN,
J. M. SCHAEBERLE,
CHAS. BURCKHALTER.

May 18, 1892.

A HANDBOOK OF PRACTICAL ASTRONOMY FOR UNIVERSITY STUDENTS AND ENGINEERS.

By W. W. CAMPBELL, Ann Arbor, 1891, 8vo, 166 + iii pp.

[Reviewed by Prof. J. E. KEELER, Director of the Allegheny Observatory.]

For an undergraduate course of instruction in practical astronomy the larger and complete works of CHAUVENET and others are much too elaborate, as their thorough reading would require more time than can usually be allotted to the subject of astronomy. It is the usual practice of the teacher to omit certain portions of the text-book, and no doubt the result is fairly satisfactory, but a course arrived at by such a process of exclusion is necessarily inferior in logical coherence to one specially prepared in accordance with a systematic plan. In the latter case the student is not embarassed by frequent references to matter in omitted chapters, formulae required in practice are readily found, —and other advantages will readily suggest themselves.

Mr. CAMPBELL'S book contains an abridged course in practical astronomy which is admirably adapted to the requirements of the undergraduate student who wishes a general preparation for further and more special work, and to those of students of civil engineering, who desire a complete treatment of certain practical problems. The instruments and methods in common use in observatories are fully explained, while special instruments like the heliometer, and unusual methods of observation with ordinary instruments, are omitted. The instruments selected for